

FIG. 1

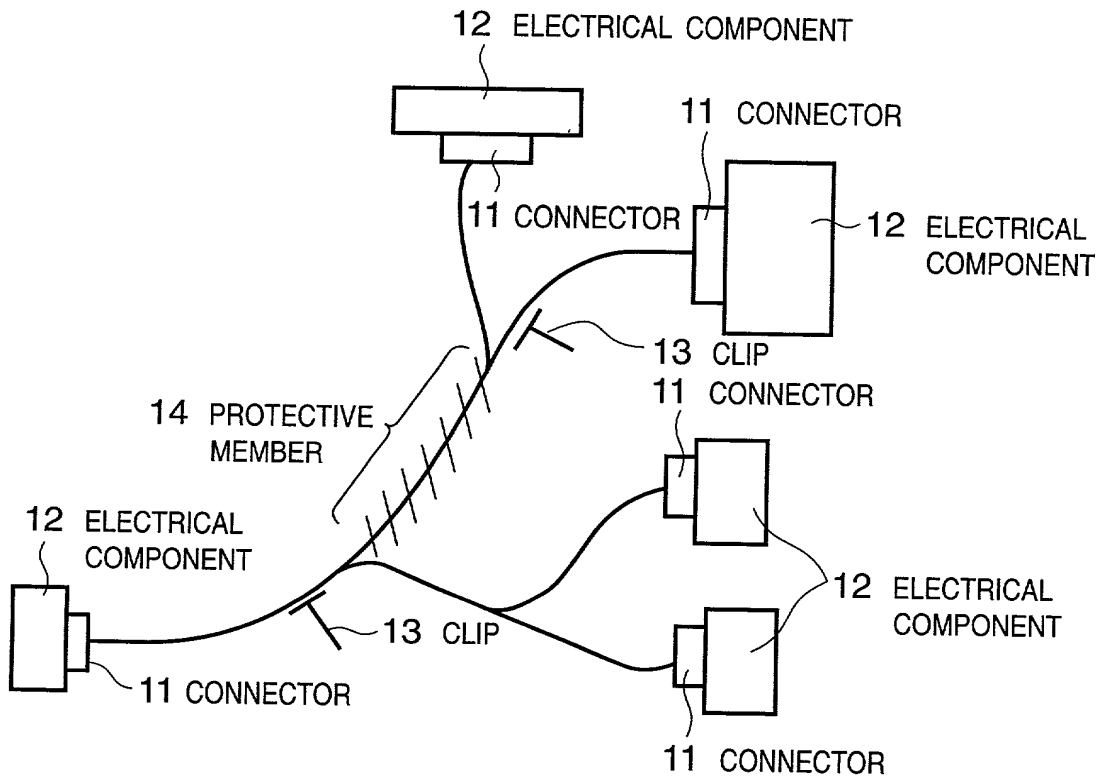


FIG. 2

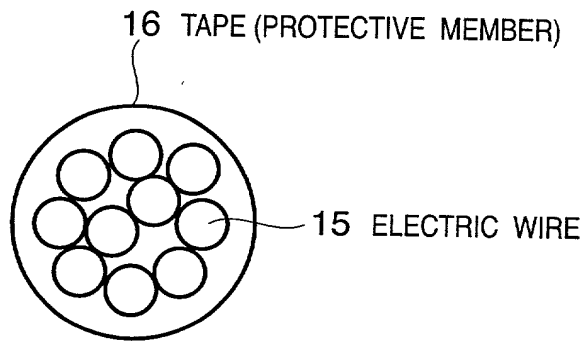


FIG. 3A

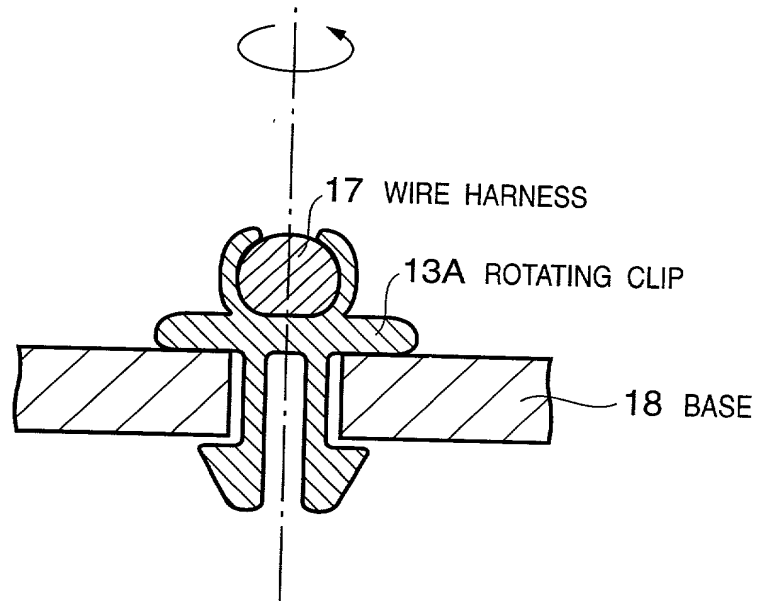


FIG. 3B

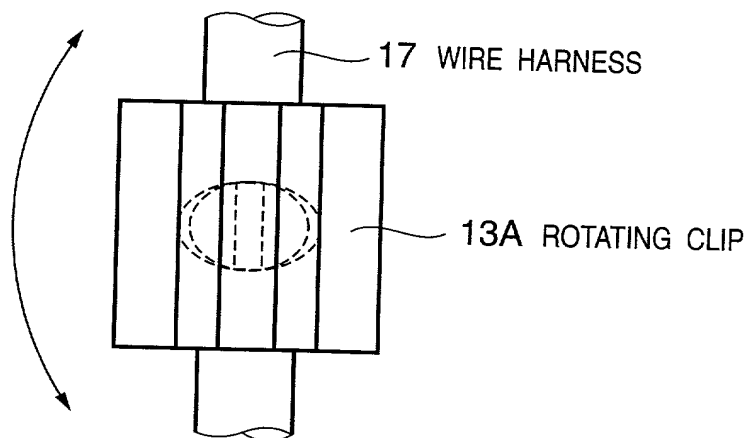


FIG. 4

FIXING METHOD	MOVEMENT DUE TO RESULTANT FORCE			ROTATION DUE TO RESULTANT MOMENT		
	x DIRECTION	y DIRECTION	z DIRECTION	x DIRECTION	y DIRECTION	z DIRECTION
CONNECTOR	X	X	X	X	X	X
STATIONARY CLIP	X	X	X	X	X	X
ROTATING CLIP	X	X	X	O	O	X
BRANCH POINT (FREE END)	O	O	O	O	O	O

(X : IMPOSSIBLE
O : POSSIBLE

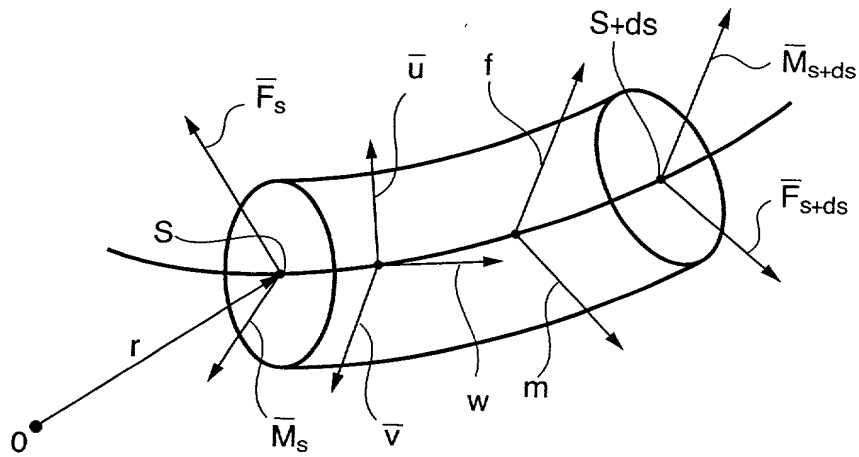
FIG. 5

FIG. 6

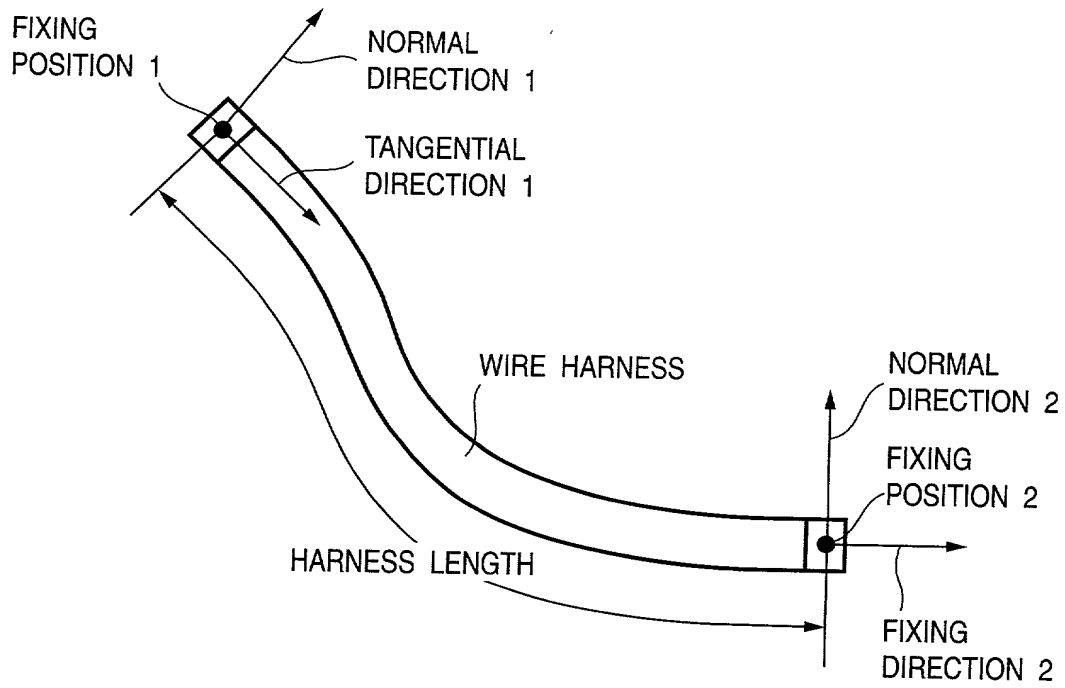


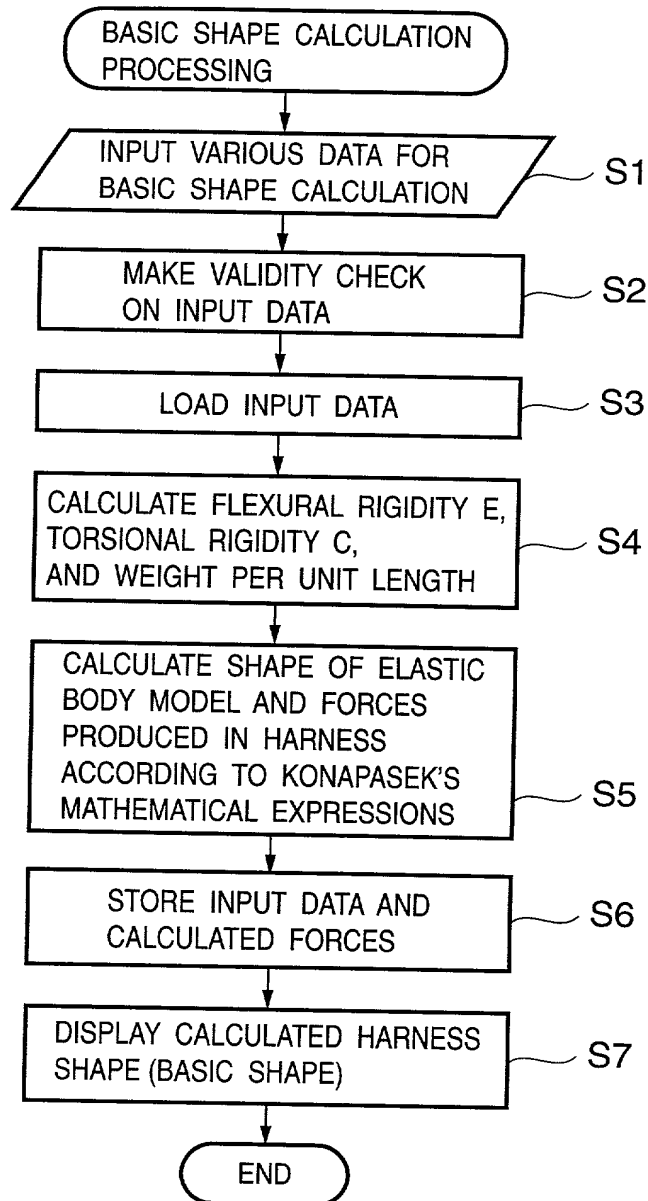
FIG. 7

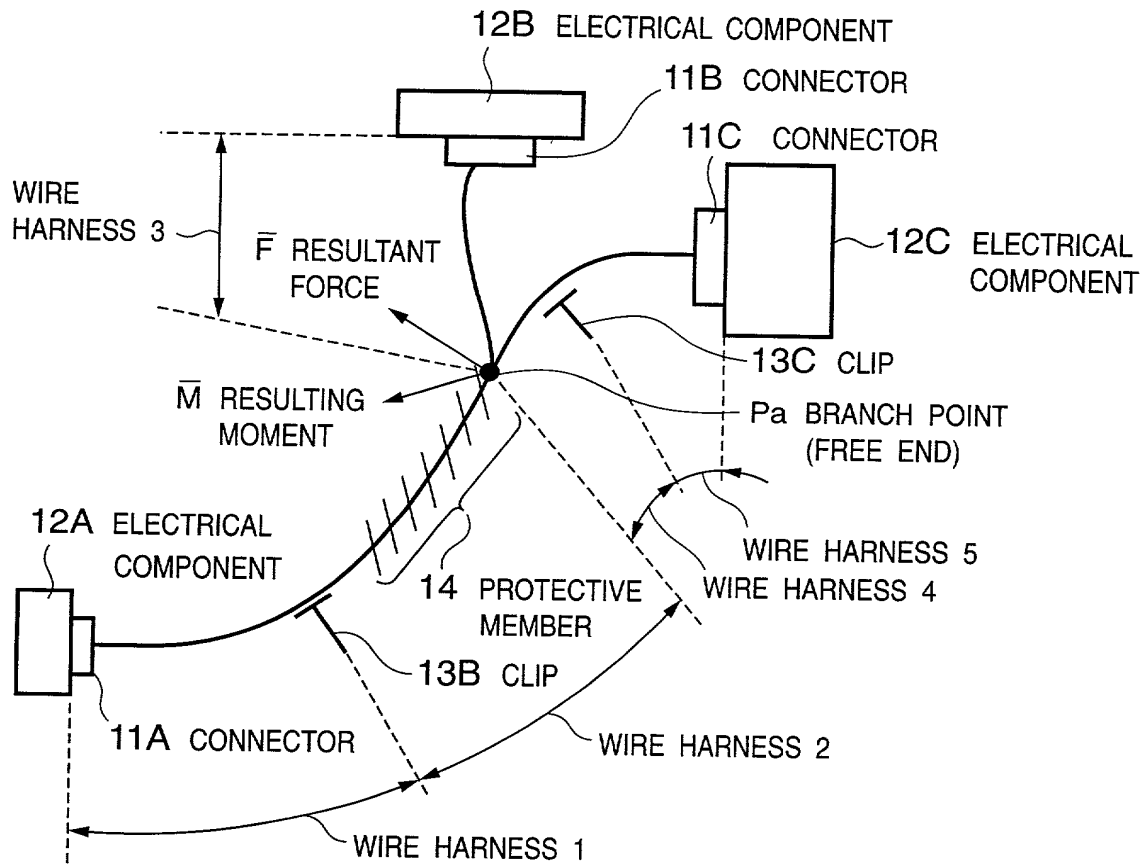
FIG. 8

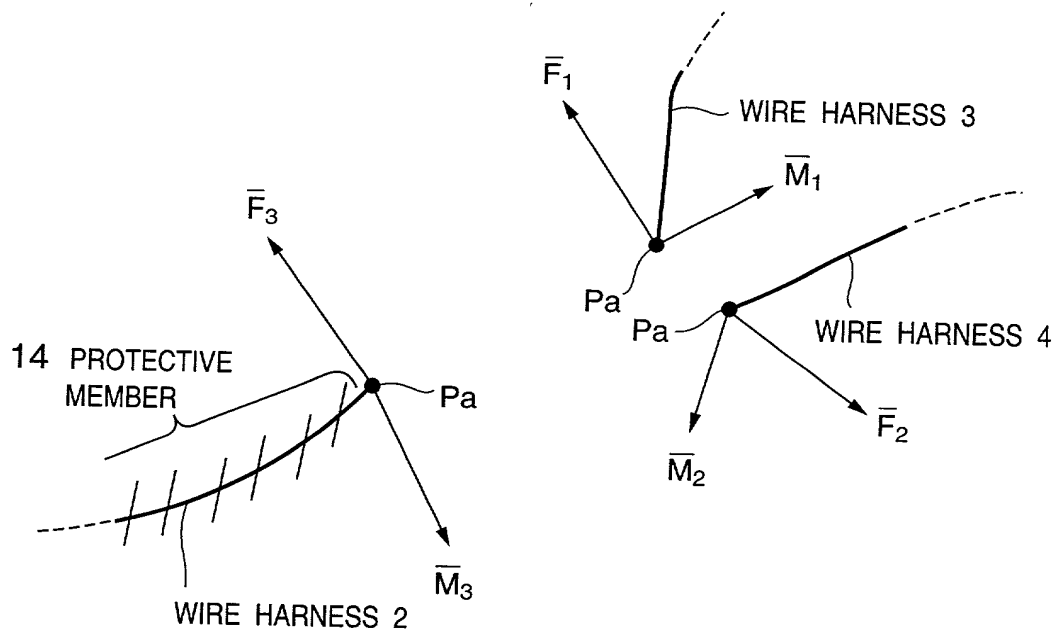
FIG. 9

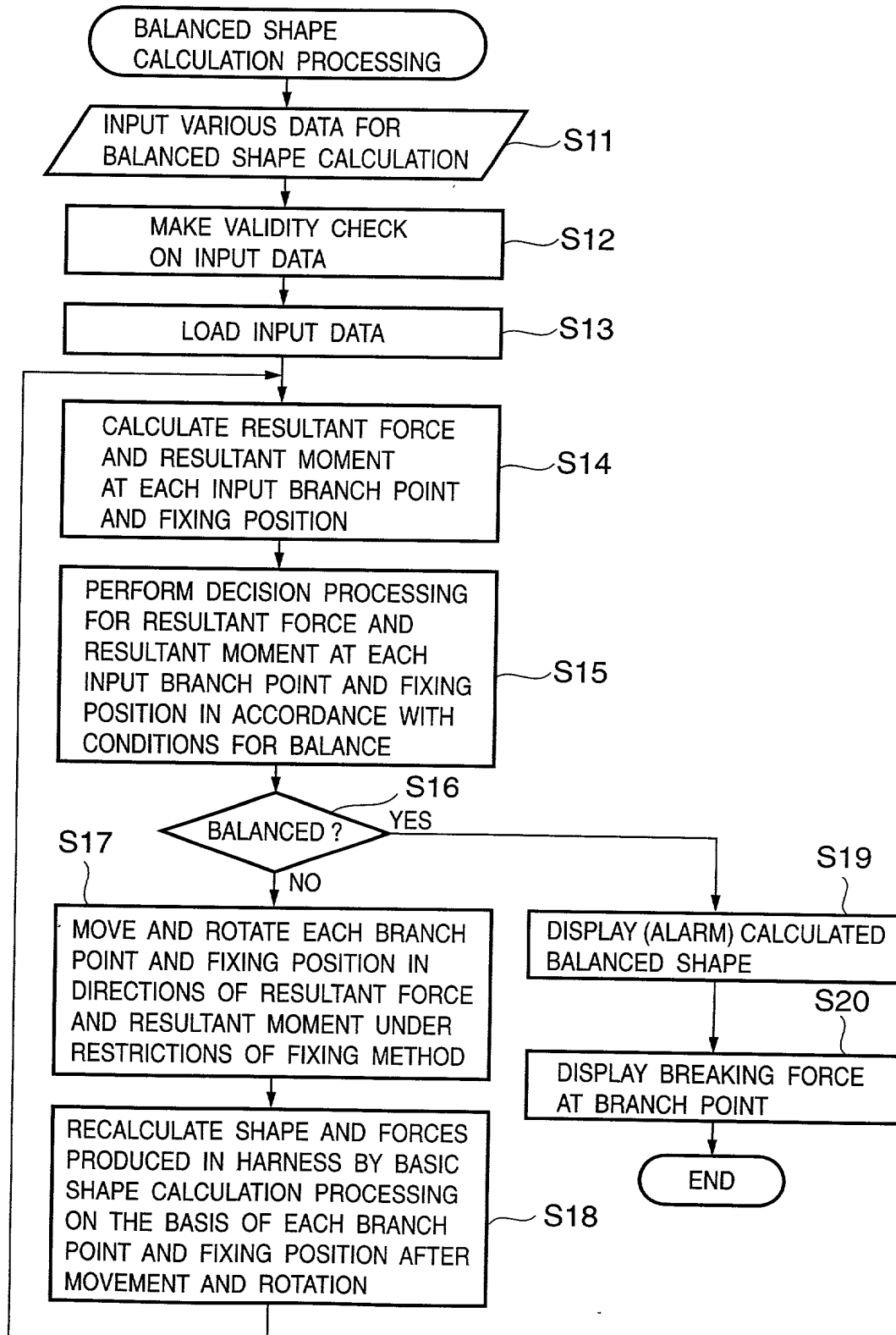
FIG. 10

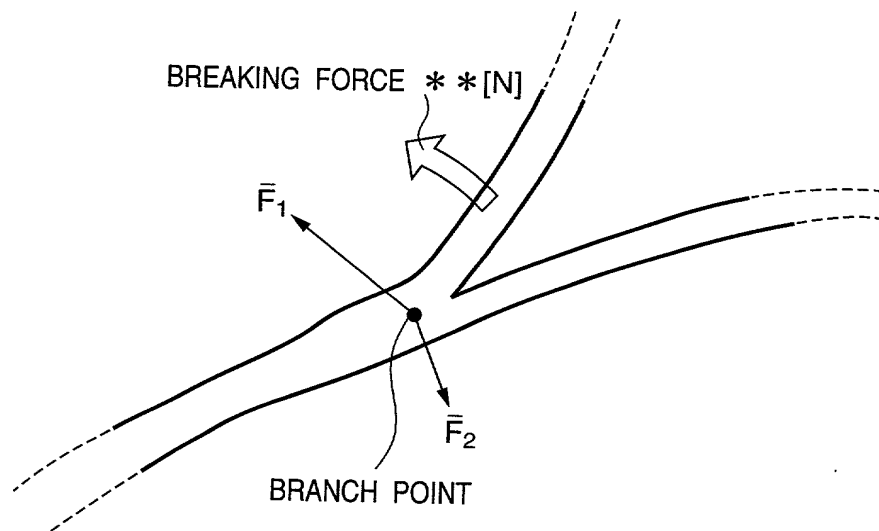
FIG. 11

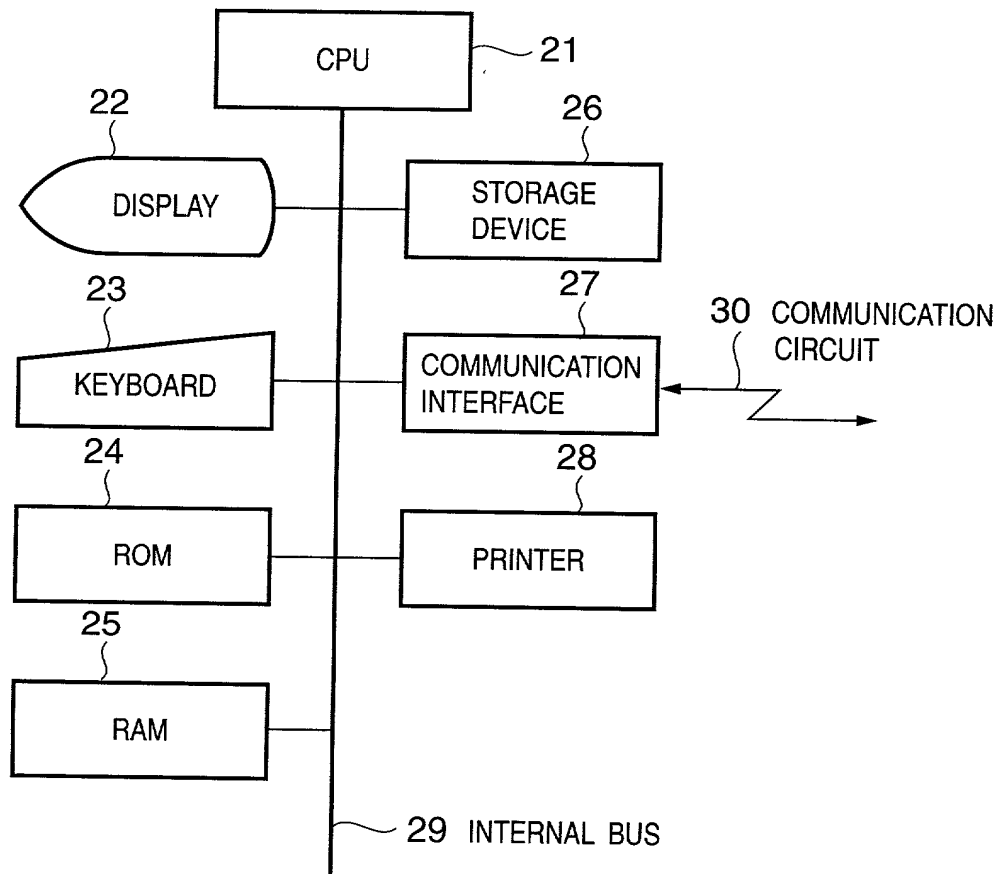
FIG. 12

FIG. 13

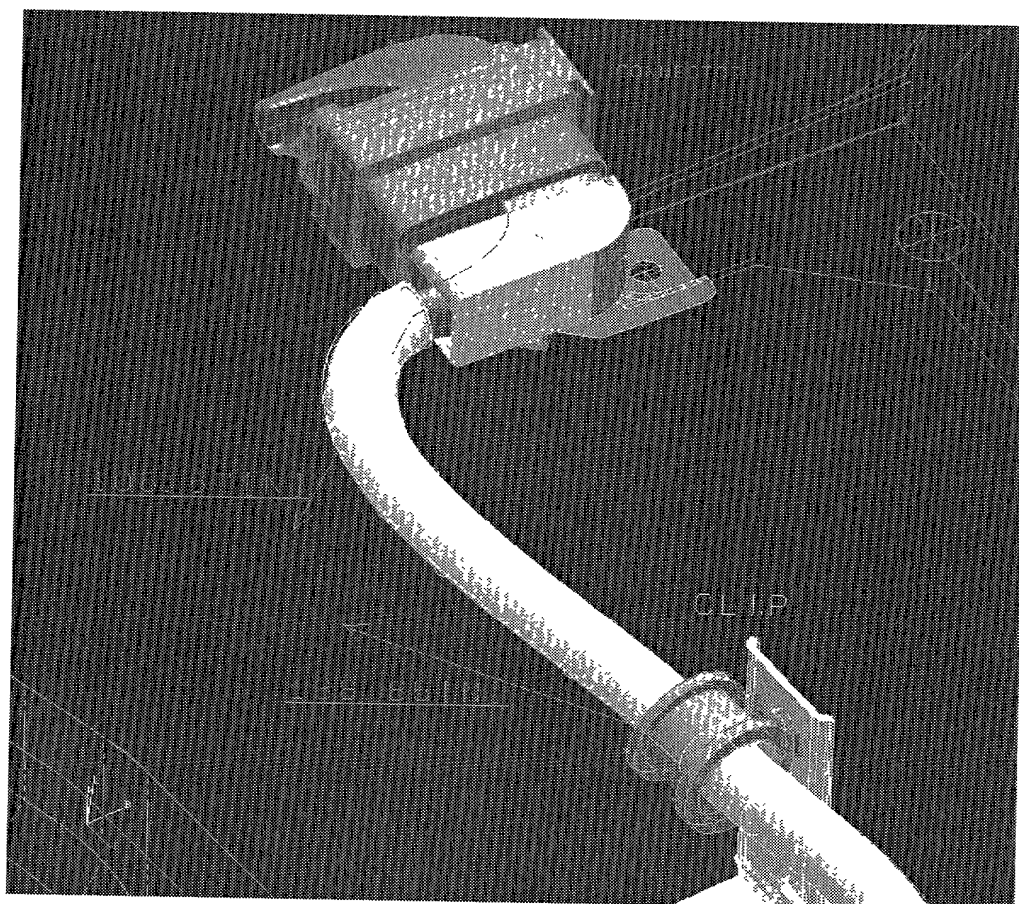


FIG. 14

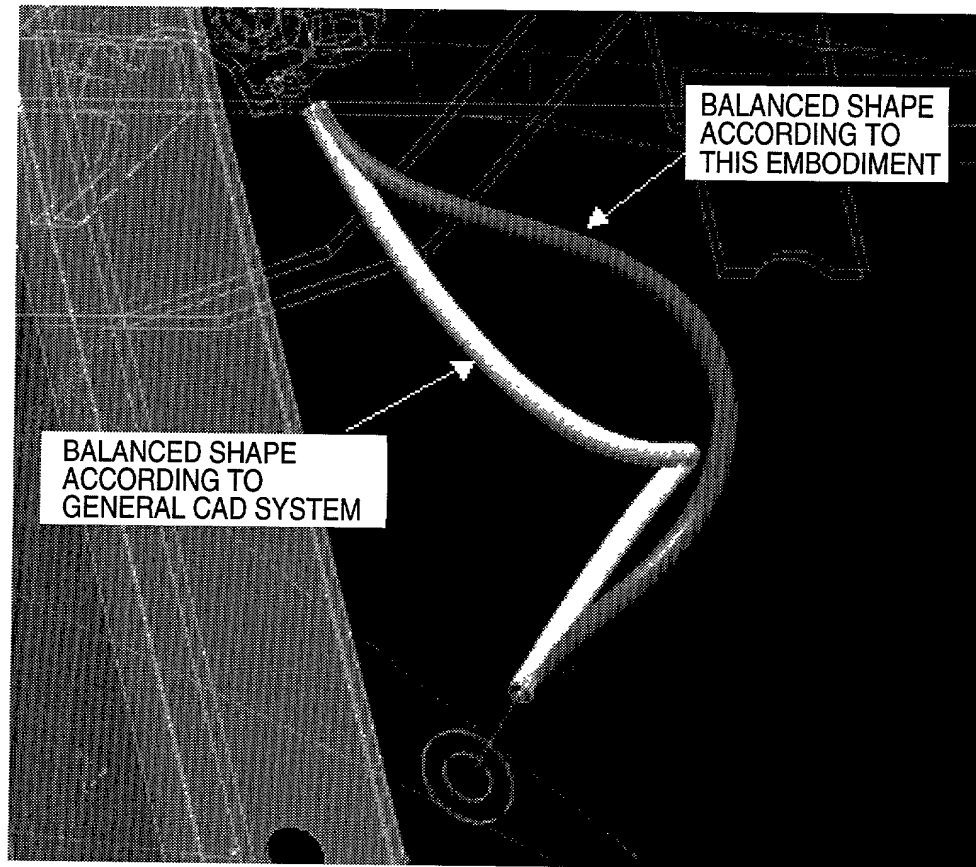


FIG. 15

